

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Keimpe Jan VAN DEN BERG et al.

Application No.: 10/631,801

Filed: August 1, 2003

Docket No.: 116774

For: MULTILAYER COATING SYSTEM COMPRISING THIOL-FUNCTIONAL  
COMPOUNDS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of references 4-11, 16-29, 31-45, 49-58 and 60-61 is discussed in the present specification.
- ☒ 3. The references 2-3, 30 and 46-48 were cited in counterpart foreign applications. English language versions of the foreign search reports are attached for the Examiner's information.

- ☒ 4. An English-language Abstract of the non-English language reference 48 is attached hereto.
- ☒ 5. Reference 14 corresponds to reference 24. Reference 13 corresponds to reference 27. Reference 12 corresponds to reference 45.

Respectfully submitted,



William P. Berridge  
Registration No. 30,024

Thomas J. Pardini  
Registration No. 30,411

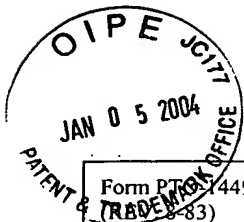
WPB:TJP/emt

Date: January 5, 2004

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, Virginia 22320**  
**Telephone: (703) 836-6400**

**DEPOSIT ACCOUNT USE  
AUTHORIZATION**

Please grant any extension  
necessary for entry;  
Charge any fee due to our  
Deposit Account No. 15-0461

Form PTO-1449  
(8-83)US Dept. of Commerce  
PATENT & TRADEMARK OFFICEATTY DOCKET NO.  
116774APPLICATION NO.  
10/631,801

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS  
Keimpe Jan VAN DEN BERG et al.FILING DATE  
August 1, 2003

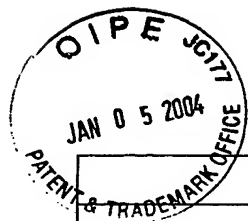
## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1	5,492,961	02/20/1996	Brock et al.		
	2	US 2002/0032248 A1	03/14/2002	Klinkenberg et al.		
	3	4,089,827	05/16/1978	Massy et al.		
	4	5,360,876	11/01/1994	Burgoyne, Jr. et al.		
	5	4,663,410	05/05/1987	Pinschmidt, Jr. et al.		
	6	US 6,271,339 B1	08/07/2001	Thepot et al.		
	7	5,446,073	08/29/1995	Jonsson et al.		
	8	4,990,577	02/05/1991	Noomen et al.		
	9	4,772,680	09/20/1988	Noomen et al.		
	10	5,155,201	10/13/1992	Gardon et al.		
	11	6,096,835	08/01/2000	Vandevoorde et al.		
	12	4,123,423	10/31/1978	Wenzel et al.		
	13	5,840,823	11/24/1998	Licht et al.		
	14	5,612,096	03/18/1997	Mulder et al.		
	15	5,556,912	09/17/1996	Brock et al.		
	16	5,846,897	12/08/1998	Blank et al.		

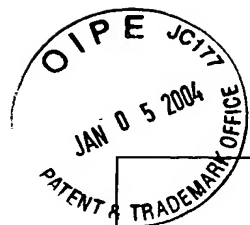
## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	17	GB 870,994	06/21/1961	United Kingdom		
	18	GB 2 171 030 A	08/20/1986	United Kingdom		
	19	GB 2 307 473 A	05/28/1997	United Kingdom		
	20	EP 0 161 697 A1	11/21/1985	Europe		
	21	EP 0 898 202 A1	02/24/1999	Europe		
	22	EP 0 448 224 A1	09/25/1991	Europe		
	23	EP 0 394 737 A1	10/31/1990	Europe		
	24	EP 0 632 076 A2	01/04/1995	Europe		
	25	EP 0 287 144 A1	10/19/1988	Europe		
	26	EP 0 161 697 A1	11/21/1985	Europe		

Date: January 3, 2004



27	EP 0 794 204 A2	09/10/1997	Europe		
28	EP 0 357 110 A1	03/07/1990	Europe		
29	EP 1 050 550 A2	11/08/2000	Europe		
30	EP 0 595 281 A2	05/04/1994	Europe		
31	WO 01/48106 A1	07/05/2001	WIPO		
32	WO 02/36699 A1	05/10/2002	WIPO		
33	WO 98/23691	06/04/1998	WIPO		
34	WO 98/16583	04/23/1998	WIPO		
35	WO 93/00377	01/07/1993	WIPO		
36	WO 93/00380	01/07/1993	WIPO		
37	WO 99/67339	12/29/1999	WIPO		
38	WO 01/90265 A1	11/29/2001	WIPO		
39	WO 93/17060	09/02/1993	WIPO		
40	WO 02/34808 A1	05/02/2002	WIPO		
41	WO 00/64959	11/02/2000	WIPO		
42	WO 97/31073	08/28/1997	WIPO		
43	WO 02/14399 A1	02/21/2002	WIPO		
44	WO 99/47617	09/23/1999	WIPO		
45	DE 26 42 073 A1	03/23/1978	Germany		
46	AU A 86978/91	01/23/1992	Australia		
47	AU A 14600/88	10/20/1988	Australia		
48	JP A 07 411 757 abstract only	03/19/1974	Japan		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)					
49	March, "Classification of Reactions by Type of Compound Synthesized," Advanced Organic Chemistry: Reactions, Mechanisms, and Structure, Fourth Edition, pp.1298, 1992				
50	Wicks et al., "Blocked isocyanates III: Part A. Mechanisms and chemistry," Progress in Organic Coatings 36, pp. 148-172, 1999				
51	March, "Localized Chemical Bonding," Advanced Organic Chemistry: Reactions, Mechanisms, and Structure, Fourth Edition, pp. 18, 1992				
52	Harkness et al., "Demonstration of a Directly Photopatternable Spin-On-Glass Based on Hydrogen Silsesquioxane and Photobase Generators," American Chemical Society, Macromolecules 31, pp. 4798-4805, 1998				
53	Gyenes et al., "Titration in non-aqueous media," Titration in non-aqueous media, pp. 404-405, 1967				
54	"Paints and varnishes - Cross-cut test," International Standard, ISO 2409, Second Edition, August 15, 1992				
55	"Paints and varnishes - Determination of film thickness," International Standard, ISO 2808, Third Edition, pp 1-39, September 15, 1997				
56	"Paints and varnishes - Determination of micro-indentation hardness - Part 2: Knoop hardness by measurement of indentation depth under load," International Standard, ISO 6441-2, First Edition, pp. 1, 3, 5, 7 and 9, December 15, 1999				
57	"Paints and varnishes - Pendulum damping test," International Standard, ISO 1522, Second Edition, 1-2, 4, 6 and 8, March 15, 1998				



	58	"Binders for paints and varnishes - Determination of Hydroxyl value - Titrimetric method," International Standard, ISO 4629, Second Edition, pp. 1 and 3, June 1, 1996
	59	"Plastics (polyester resins) and paints and varnishes (binders) - Determination of partial acid value and total acid value," International Standard, ISO 2114, Third Edition, pp.1-10, August 1, 2000
	60	Young et al., "Introduction to Polymers," Introduction to Polymers, Second Edition, pp. 298, 1991
	61	Wayland, "Polymeric Carbodiimide Preparation," Organic Syntheses: Collective Volume 6, A Revised Edition of Annual Volumes, pp. 951-957, 1998
EXAMINER		DATE CONSIDERED
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

Date: January 3, 2004